U.S.A. SUICIDE: 2007 OFFICIAL FINAL DATA

	Number	Per Day	Rate	% of Deaths
Nation	34,598	94.8	11.5	1.4
Males	27,269	74.7	18.3	2.3
Females	7,329	20.1	4.8	0.6
Whites	31,348	85.9	12.9	1.5
Nonwhites	3,250	8.9	5.6	0.9
Blacks	1,958	5.4	4.9	0.7
Elderly (65+ yrs.)	5,421	14.9	14.3	0.3
Young (15-24 yrs.)	4,140	11.3	9.7	12.2

Group (Number of Suicides)	Rate
White Male (24,725)	20.5
White Female (6,623)	5.4
Nonwhite Male (2,544)	9.6
Nonwhite Female (706)	2.3
Black Male (1,606)	8.4
Black Female (352)	1.7
Hispanic (2,465)	5.4
Native Americans (392)	12.1
Asian/Pacific Islanders (900)	6.1

Fatal Outcomes (Suicides): ***a rate increase was seen in 2007, representing a change in the recent pattern of stability or slight declines***

- Average of 1 person every 15.2 minutes killed themselves
- Average of 1 old person every 1 hour and 37 minutes killed themselves
- Average of 1 young person every 2 hours and 7 minutes killed themselves. (If the 184 suicides below age 15 are included, 1 young person every 2 hours and 1.6 minutes)
- 11th ranking cause of death in U.S.— 3rd for **young**
- 3.6 male deaths by suicide for each female death by suicide
- Suicide ranks 11th as a cause of death; Homicide ranks 15th

>>

Cause	Number	Rate
All Causes	33,982	79.9
1-Accidents	15,897	37.4
2-Homicide	5,551	13.1
3-Suicide	4,140	9.7
10-14 yrs	180	0.9
15-19 yrs	1,481	6.9
20-24 yrs	2,659	12.7

Nonfatal Outcomes (Attempts) (figures are estimates; no official U.S. national data compiled)*:*

- 864,950 annual attempts in U.S. (using 25:1 ratio); recent SAMHSA study: 1.1 million adults (18 and up)
- Translates to one attempt every 38 seconds (based on 864,950 attempts) [1.1 million = 1 every 29 seconds]
- 25 attempts for every death by suicide for nation (one estimate); 100-200:1 for young; 4:1 for elderly
- 3 female attempts for each male attempt

Survivors (i.e., family members and friends of a loved one who died by suicide):

- *Each suicide intimately affects at least 6 other people* (estimate)
- Based on the 772,398 suicides from 1983 through 2007, estimated that the number of survivors of suicides in the U.S. is 4.6 million (1 of every 65 Americans in 2007); number grew by at least 207,588 in 2007
- If there is a suicide every 15.2 minutes, then there are 6 new survivors every 15.2 minutes as well

Suicide Methods	Number	Rate	Percent of Total		Number	Rate	Percent of Total
Firearm suicides	17,352	5.8	50.2%	All but Firearms	17,246	5.7	49.8%
Suffocation/Hanging	8,161	2.7	23.6%	Poisoning	6,358	2.1	18.4%
Cut/pierce	619	0.2	1.8%	Drowning	358	0.1	1.0%

U.S.A. Suicide Rates 1997-2007

(Rates per 100,000 population)

Group/ Age	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	Group/ Age
5-14	0.8	0.8	0.6	0.8	0.7	0.6	0.6	0.7	0.7	0.5	0.5	5-14
15-24	11.4	11.1	10.3	10.4	9.9	9.9	9.7	10.3	10.0	9.9	9.7	15-24
25-34	14.3	13.8	13.5	12.8	12.8	12.6	12.7	12.7	12.4	12.3	13.0	25-34
35-44	15.3	15.4	14.4	14.6	14.7	15.3	14.9	15.0	14.9	15.1	15.6	35-44
45-54	14.7	14.8	14.2	14.6	15.2	15.7	15.9	16.6	16.5	17.2	17.7	45-54
55-64	13.5	13.1	12.4	12.3	13.1	13.6	13.8	13.8	13.9	14.5	15.5	55-64
65-74	14.4	14.1	13.6	12.6	13.3	13.5	12.7	12.3	12.6	12.6	12.6	65-74
75-84	19.3	19.7	18.3	17.7	17.4	17.7	16.4	16.3	16.9	15.9	16.3	75-84
85+	20.8	21.0	19.2	19.4	17.5	18.0	16.9	16.4	16.9	15.9	15.6	85+
65+	16.8	16.9	15.9	15.3	15.3	15.6	14.6	14.3	14.7	14.2	14.3	65+
Total	11.4	11.3	10.7	10.7	10.8	11.0	10.8	11.0	11.0	11.1	11.5	Total
Men	18.7	18.6	17.6	17.5	17.6	17.9	17.6	17.7	17.7	17.8	18,3	Men
Women	4.4	4.4	4.1	4.1	4.1	4.3	4.3	4.6	4.5	4.6	4.8	Women
White	12.4	12.4	11.7	11.7	11.9	12.2	12.1	12.3	12.3	12.4	12.9	White
Nonwh	6.5	6.2	6.0	5.9	5.6	5.5	5.5	5.8	5.5	5.5	5.6	NonWh
Black	6.2	5.7	5.6	5.6	5.3	5.1	5.1	5.2	5.1	4.9	4.9	Black

15 Leading Causes of Death in the U.S.A., 2007

(total of 2,423,712 deaths; 803.6 rate)

Rank & Cause of Death	Rate	Deaths
1 Diseases of heart (heart disease)	204.3	616,067
2 Malignant neoplasms (cancer)	186.6	562,875
3 Cerebrovascular diseases (stroke)	45.1	135,952
4 Chronic lower respiratory diseases	42.4	127,924
5 Accidents (unintentional injuries)	41.0	123,706
6 Alzheimer's disease	24.7	74,632
7 Diabetes mellitus (diabetes)	23.7	71,382
8 Influenza & pneumonia	17.5	52,717
9 Nephritis, nephrosis (kidney disease)	15.4	46,448
10 Septicemia	11.5	34,828
11 Suicide [Intentional Self-Harm]	**11.5**	**34,598**
12 Chronic liver disease and cirrhosis	9.7	29,165
13 Essential hypertension and renal disease	7.9	23,965
14 Parkinson's disease	6.7	20,058
15 Homicide [Assault]	6.1	18,361
- All other causes (Residual)	149.5	451,034

Old made up 12.6% of 2007 population but represented 15.7% of the suicides.

Young were 14.1% of 2007 population and comprised 12.0% of the suicides.

1,010,953* Years of Potential Life Lost Before Age 75 (31,621 of 34,598 suicides below age 75)

* WISQARS YPLL figure: 1,009,224 using individual years rather than 10-year age groups as above.

Many figures appearing here are derived or calculated from data in the following *official data source:* J. Xu, K. D. Kochanek, S. L. Murphy, & B. Tejada-Vera. (2010, May). Deaths: Final Data for 2007. *National Vital Statistics Reports, 58*(19). www.cdc.gov/nchs/data/nvsr/nvsr58/nvsr58_19.pdf obtained 20 May 2010. Additional data obtained 28 May from CDC's WISQARS website http://www.cdc.gov/injury/wisqars/index.html.

SAMHSA 2009 study: http://www.samhsa.gov/newsroom/advisories/090917suicide0907.aspx

$$\text{suicide rate} = \frac{\text{number of suicides by group}}{\text{population of group}} \times 100{,}000$$

Suicide Data Page: 2007

23 May 2010 and updated 28 May 2010

Prepared for *AAS* by John L. McIntosh, Ph.D.

Rate, Number, and Ranking of Suicide for Each U.S.A. State, 2007*

Rank	State [Division] (2006 rank)	Deaths	Rate
1	Alaska [P] (2)	149	21.8
2	Montana [M] (3)	196	20.5
3	New Mexico [M] (5)	401	20.4
4	Wyoming [M] (1)	101	19.3
5	Nevada [M] (4)	471	18.4
6	Colorado [M] (9)	811	16.7
7	West Virginia [SA] (12T)	300	16.6
8	Arizona [M] (7)	1,016	16.0
9	Oregon [P] (8)	594	15.9
10	Kentucky [ESC] (12T)	649	15.3
11	Idaho [M] (10)	223	14.9
11	North Dakota [WNC] (15T)	95	14.9
13	Oklahoma [WSC] (11)	531	14.7
14	Maine [NE] (28)	191	14.5
15	Utah [M] (15T)	378	14.3
15	Vermont [NE] (22)	89	14.3
17	Arkansas [WSC] (20)	402	14.2
17	Florida [SA] (19)	2,587	14.2
19	Kansas [WNC] (17T)	382	13.8
20	Missouri [WNC] (17T)	808	13.7
20	Tennessee [ESC] (14)	844	13.7
22	Mississippi [ESC] (35T)	396	13.6
23	Washington [P] (23T)	865	13.4
24	Wisconsin [ENC] (26T)	729	13.0
25	Alabama [ESC] (23T)	592	12.8
25	South Dakota [WNC] (6)	102	12.8
27	Indiana [ENC] (21)	790	12.5
28	Louisiana [WSC] (29T)	522	12.2
29	New Hampshire [NE] (29T)	158	12.0
29	South Carolina [SA] (26T)	530	12.0
31	North Carolina [SA] (25)	1,077	11.9
32	Pennsylvania [MA] (35T)	1,441	11.6
	United States - Total	**34,598**	**11.5**
33	Virginia [SA] (29T)	880	11.4
34	Ohio [ENC] (29T)	1,295	11.3
35	Michigan [ENC] (34)	1,131	11.2
36	Delaware [SA] (38T)	95	11.0
36	Minnesota [WNC] (38T)	572	11.0
38	Iowa [WNC] (35T)	322	10.8
39	Georgia [SA] (41)	997	10.4
39	Hawaii [P] (42)	133	10.4
41	Nebraska [WNC] (33)	181	10.2
41	Texas [WSC] (40)	2,433	10.2
43	California [P] (43)	3,602	9.9
44	Maryland [SA] (44)	518	9.2
45	Rhode Island [NE] (45)	96	9.1
46	Illinois [ENC] (47)	1,108	8.6
47	Massachusetts [NE] (48)	516	8.0
48	Connecticut [NE] (46)	271	7.7
49	New York [MA] (49)	1,396	7.2
50	New Jersey [MA] (50)	596	6.9
51	District of Columbia [SA] (51)	36	6.1

Caution: Annual fluctuations in state levels combined with often relatively small populations can make these data highly variable. The use of several years' data is preferable to conclusions based on single years alone.

Suggested citation: McIntosh, J. L. (for the American Association of Suicidology). (2010). *U.S.A. suicide 2007: Official final data.* Washington, DC: American Association of Suicidology, dated May 23, 2010, downloaded from http://www.suicidology.org.

Division [Abbreviation]	Rate	Number
Mountain [M]	16.8	3,597
East South Central [ESC]	13.8	2,481
West North Central [WNC]	12.3	2,462
South Atlantic [SA]	12.1	7,020
Nation	**11.5**	**34,598**
West South Central [WSC]	11.2	3,888
Pacific [P]	11.0	5,343
East North Central [ENC]	10.9	5,053
New England [NE]	9.3	1,321
Middle Atlantic [MA]	8.5	3,433

Region [Subdivision Abbreviations]	Rate	Number
West (M, P)	12.8	8,940
South (ESC, WSC, SA)	12.1	13,389
Nation	**11.5**	**34,598**
Midwest (WNC, ENC)	11.3	7,515
Northeast (NE, MA)	8.7	4,754

Source: J. Xu, K. D. Kochanek, S. L. Murphy, & B. Tejada-Vera. (2010, May). Deaths: Final Data for 2007. *National Vital Statistics Reports, 58*(19). www.cdc.gov/nchs/data/nvsr/nvsr58/nvsr58_19.pdf obtained 20 May 2010. [Note: divisional and regional figures were calculated from state data; state mortality data appear in Table 29 and population data appear in Table VII]

[data are by place of residence]
[Suicide = ICD-10 Codes X60-X84, Y87.0, U03]

Note: All rates are per 100,000 population.

* Including the District of Columbia.

Suicide State Data Page: 2007
23 May 2010 / updated 11 June 2010

Prepared by John L. McIntosh, Ph.D. for

American Association of Suicidology
5221 Wisconsin Avenue, N.W.
Washington, DC 20015
(202) 237-2280

"to understand and prevent suicide as a means of promoting human well-being"

Visit the AAS website at:
http://www.suicidology.org

For other suicide data, and an archive of state data, visit the website below and click on the dropdown "Suicide Stats" menu:
http://mypage.iusb.edu/~jmcintos/